

INTELLIGENCE, SURVEILLANCE & RECONNAISSANCE

Develop and leverage advanced technologies for applications in future intelligence, surveillance, and reconnaissance. Enhance situational awareness, and tactical decision making.

RECENT TRANSITIONS

SIGNAL VISUALIZATION (FNC)

Transitioned to MCSC

MASINT CORE (FNC)

Transitioned to MCSC

EA ANTENNA (FNC)

Transitioned to MCSC

FOCUS AREA

SENSOR FIELDS

Detect characteristics of insurgents

Intel STO-1: Tailored tactical sensor fields

Intel STO-2: Mobile tactical unattended collection sensor platforms

RELEVANT & SITUATIONAL INFORMATION ON DEMAND

Move from entity detection to aggregation/classification

Intel STO-5: Algorithms capable of translating data to information at the point of collection

ACTIONABLE DATA FOR EXPEDITIONARY AND IRREGULAR WARFARE

Move from classification to ID/prediction

Intel STO-7: Comprehensive all-source data fusion and distribution

PROJECT

DESIGN TOOLS
ENABLING MISSION
SPECIFIC SENSOR
FIELDS (FNC)

SERVICE ORIENTED
SENSOR NETWORK (FNC)

PLANAR ARRAY
ANTENNA (FNC)

AUTOMATED TACTICAL
PLATFORM & SENSOR
PLANNING
& MANAGEMENT (FNC)

TAG, TRACK AND
LOCATE (D&I)

REMOTE SENSOR
FUSION CARD (FNC)

SMART ALGORITHMS
FOR TACTICAL
SENSORS (FNC)

DETECT AND ID
FACILITIES (FNC)

RF EMITTER ID AND
GEOLOCATION (FNC)

SENSING THROUGH
WALLS (FNC)

TACTICAL LITTORA
SENSING (FNC)

SIGNAL
VISUALIZATION (FNC)

HUMAN TO SENSOR
FIELD INTERFACE
(SMART DATA PULL) (FNC)

AUTOMATED PATTERN
RECOGNITION (FNC)

TACTICAL DISTRIBUTED
DATA ANALYSIS &
AUTOMATED I&W (FNC)

DISTRIBUTED TACTICAL
DATABASE (FNC)

DECISION AIDS (FNC)

TRANSPARENT URBAN
RISK REDUCTION (D&I)

MODELING
ADVERSARIAL
DECISIONS IN COMPLEX
OPERATIONAL
WARFARE (D&I)

TACTICAL NET &
DCGS INTEGRATION (FNC)